

Wall louvre – DUCO Ventilation & Sun Control

DucoGrille Solid M 30Z

Description

DucoGrille Solid M 30Z is a surface mounted wall louvre made of aluminium extrusion profiles. The louvre blades offer high ventilation capacity with relatively small louvre blades. The ‘stackable’ louvre blades form a single whole, making them extra strong. The louvre blades are available with small punching (P1), large punching (P2) or as false louvres (NP).

Version

- Shape of blade 30Z
- Punching NP – not punched
P1 – height 21 mm x width 2,5 mm
P2 – height 21 mm x width 18 mm
- Pitch 37,5 mm
- Frame width 11 mm
- Installation depth 43 mm
- Frame depth 43 mm
- Mesh Punching
P1 as insect mesh
P2 as rodent mesh
Stainless-steel mesh
2,3 x 2,3 mm as insect mesh

The following combinations are available:

	NP	P1	P1 Incl mesh	P2
Punching P1	-	S	S	-
Punching P2	-	-	-	S
Stainless-steel mesh 2,3 x 2,3	-	-	S	S

S = standard

Material and surface treatment

- Aluminium EN AW-6063 T66 (EN 573-3)
Profile thickness: min. 1,5 mm
- Finish
 - Natural anodised (15-20 µm) according to Qualanod
 - Polyester powder coated (60-80 µm) according to Qualicoat Seaside type A (specific RAL codes or textured paint on request)

Technical specifications

Reaction to fire

AS-s1,d0 (EN 13501-1)

Fall-through protection

Class XI (BS 6180)

Free area

	NP	P1 P1 incl mesh	P2
Visual free area (Per metre punching)	0 %	60 %	86 %
Physical free area	0 %	34 %	48 %

Airflow data

EN 13030	NP	P1	P1 Incl mesh	P2
Ce	-	0,243	0,233	0,258
K-factor intake	-	16,94	18,42	15,02
Cd	-	0,234	0,224	0,253
K-factor exhaust	-	18,26	19,93	15,62

Water resistance

EN 13030	NP	P1	P1 Incl mesh	P2
V = 0 m/s	-	B	C	C
V = 0,5 m/s	-	C	C	C
V = 1 m/s	-	C	C	C
V = 1,5 m/s	-	D	C	D
V = 2 m/s	-	D	D	D
V = 2,5 m/s	-	D	D	D
V = 3 m/s	-	D	D	D
V = 3,5 m/s	-	D	D	D